

6 JUN 1966

AKP-I-5321
26 May 1966

M-E-M-O-R-A-N-D-U-M

STATINTL

TO:



SUBJECT: Class II Change - Change Phase Stepper PC Board

Dear Phil:

This letter is submitted as a Class II Change. It recommends modifying the Phase Stepper P.C. Board Assembly, P/N 531A408-406-101, and Phase Stepper P.C. Board Assembly, P/N 531A408-506-101. Both Phase Stepper P.C. Board Assemblies mentioned have identical circuits with different component layouts and are interchangeable in SLR Receivers.

The purpose of this change is to provide the stable oscillator with isolation from transients sometimes generated by the phase stepper board. These transients can cause phase errors and instability in the oscillator output.

The physical change to both P.C. Assemblies consists of reducing one (1) capacitor value, changing two (2) inductors and replacing one (1) coax-contact and increasing the coax-cable lead to it.

All Phase Stepper P.C. Board Assemblies presently used in SLR Receivers operate satisfactorily.

Future production phase stepper P.C. Board Assemblies, including spares, will be built to the new configuration.

We propose to change the P/N of the P.C. Board but not change the P/N of the phase stepper module or receiver.

Units returned to GR for repair will be updated to the new configuration.

We are proceeding with this change prior to change approval.

PPB will be changed by change notice to PS0.

Nat
NAT

mj
cc: Charlie
Nat
Bob

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